Comparing Fractions Decimals and Percentages

Complete the table below to show how decimals, percentages and fractions relate to each other. See if you can fill the gaps.

|  |  |  |
| --- | --- | --- |
| **Fraction** | **Decimal** | **Percentage** |
| ¼ | 0.25 | 25% |
| ½ | 0.5 | 50% |
| 1/3 | 0.33 | 33% |
| 1/5 | 0.20 | 20% |
| 1 | 1.00 | 100% |
| 1/100 | 0.1 | 1% |
| ¾ | 0.75 | 75% |
| 2/3 | 0.66 | 66.0% |

Write 2 word problems using your knowledge of fractions. For example:

1. John ate ¼ of his birthday cake and Kate at ½ of it. How much cake is left?

Answer: 1 quarter

1. If Jess and Emily ate 1 quarter each, and Chloe ate a half, how much pizza was eaten?

Answer: A whole pizza was eaten.

3. if Chantal and Chloe were to split a chocolate bar in half, and Chloe dropped a quarter, how much would Chloe get?

ANSWER: 1 quarter.